

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail**

Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

7590

12/19/2003

Mark J Thronson
 Dickstein Shapiro Morin & Oshinsky
 2101 L Street NW
 Washington, DC 20037-1526



Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

(Depositor's name)

(Signature)

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/936,941	12/04/2001	Tohru Ishitani	H6810.0038/P038	3002

TITLE OF INVENTION: APPARATUS FOR DETECTING DEFECT IN DEVICE AND METHOD OF DETECTING DEFECT

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$0	\$1330	03/19/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
TERESINSKI, JOHN	2858	324-751000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

Dickstein Shapiro
 Morin & Oshinsky LLP
 X
 X

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Hitachi, Ltd.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Tokyo, Japan

Hitachi ULSI Systems, Co., Ltd. Tokyo, Japan

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

☒ Issue Fee☐ Publication Fee☒ Advance Order - # of Copies 10

4b. Payment of Fee(s):

☐ A check in the amount of the fee(s) is enclosed.☒ Payment by credit card. Form PTO-2038 is attached.☒ The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 04-1073 (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature)

Gabriela Coman, #50,515

(Date)

3/19/2004

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

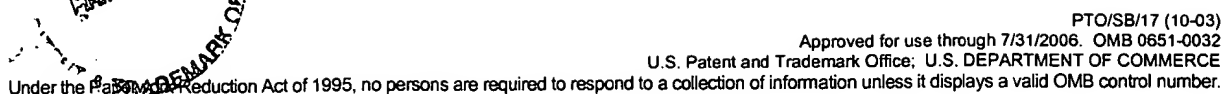
This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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03/22/2004 GURDOF2 00000138 09936941

01 FC:1501
02 FC:80011330.00 DP
30.00 DP

TRANSMIT THIS FORM WITH FEE(S)



Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT	(\$) 1,360.00
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Application Number	09/936,941-Conf. #3002
Filing Date	December 4, 2001
First Named Inventor	Tohru Ishitani
Examiner Name	J. Teresinski
Art Unit	2858
Attorney Docket No.	H6808.0002/P002

<input type="checkbox"/>	Check	<input checked="" type="checkbox"/>	Credit Card	<input type="checkbox"/>	Money Order	<input type="checkbox"/>	Other	<input type="checkbox"/>	None
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Deposit
Account
Number

04-1073

Deposit
Account
Name

Dickstein Shapiro Morin &
Oshinsky LLP

The Director is authorized to: (check all that apply)

<input checked="" type="checkbox"/>	Charge fee(s) indicated below	<input checked="" type="checkbox"/>	Credit any overpayments
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☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

1. BASIC FILING FEE

	Large Entity	Small Entity
1. Revenue Recognition	Revenue is recognized when the performance obligation is satisfied, which is when control of the goods or services is transferred to the customer.	Revenue is recognized when the performance obligation is satisfied, which is when control of the goods or services is transferred to the customer.
2. Cost of Sales	Cost of sales is recognized when the revenue is recognized, and it is measured at the cost incurred to produce the goods or services.	Cost of sales is recognized when the revenue is recognized, and it is measured at the cost incurred to produce the goods or services.
3. Impairment of Financial Assets	Impairment of financial assets is recognized when there is a decrease in the fair value of the asset that is not recoverable.	Impairment of financial assets is recognized when there is a decrease in the fair value of the asset that is not recoverable.
4. Provisions for Contingent Liabilities	Provisions for contingent liabilities are recognized when there is a liability that is probable and can be measured reliably.	Provisions for contingent liabilities are recognized when there is a liability that is probable and can be measured reliably.
5. Provisions for Contingent Assets	Provisions for contingent assets are recognized when there is an asset that is probable and can be measured reliably.	Provisions for contingent assets are recognized when there is an asset that is probable and can be measured reliably.
6. Provisions for Contingent Income	Provisions for contingent income are recognized when there is an income that is probable and can be measured reliably.	Provisions for contingent income are recognized when there is an income that is probable and can be measured reliably.
7. Provisions for Contingent Expenses	Provisions for contingent expenses are recognized when there is an expense that is probable and can be measured reliably.	Provisions for contingent expenses are recognized when there is an expense that is probable and can be measured reliably.
8. Provisions for Contingent Losses	Provisions for contingent losses are recognized when there is a loss that is probable and can be measured reliably.	Provisions for contingent losses are recognized when there is a loss that is probable and can be measured reliably.
9. Provisions for Contingent Gains	Provisions for contingent gains are recognized when there is a gain that is probable and can be measured reliably.	Provisions for contingent gains are recognized when there is a gain that is probable and can be measured reliably.
10. Provisions for Contingent Liabilities and Assets	Provisions for contingent liabilities and assets are recognized when there is a liability or asset that is probable and can be measured reliably.	Provisions for contingent liabilities and assets are recognized when there is a liability or asset that is probable and can be measured reliably.
11. Provisions for Contingent Income and Expenses	Provisions for contingent income and expenses are recognized when there is an income or expense that is probable and can be measured reliably.	Provisions for contingent income and expenses are recognized when there is an income or expense that is probable and can be measured reliably.
12. Provisions for Contingent Losses and Gains	Provisions for contingent losses and gains are recognized when there is a loss or gain that is probable and can be measured reliably.	Provisions for contingent losses and gains are recognized when there is a loss or gain that is probable and can be measured reliably.
13. Provisions for Contingent Liabilities, Assets, Income, Expenses, Losses, and Gains	Provisions for contingent liabilities, assets, income, expenses, losses, and gains are recognized when there is a liability, asset, income, expense, loss, or gain that is probable and can be measured reliably.	Provisions for contingent liabilities, assets, income, expenses, losses, and gains are recognized when there is a liability, asset, income, expense, loss, or gain that is probable and can be measured reliably.

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1)	(\$)	0.00
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		Extra Claims	Fee from below	Fee Paid
Total Claims	10	-20** =	x	=
Independent Claims	3	-3** =	x	=
Multiple Dependent				=

Large Entity	Small Entity
<p>1. Revenue Recognition</p> <p>Large entities use the percentage of completion method for long-term contracts, recognizing revenue as work progresses. Small entities often use the cost of sales method, recognizing revenue only when the contract is completed.</p>	<p>1. Revenue Recognition</p> <p>Small entities typically use the cost of sales method for long-term contracts, recognizing revenue only when the contract is completed.</p>
<p>2. Inventory Valuation</p> <p>Large entities use the FIFO (First In, First Out) method for inventory valuation. Small entities may use the LIFO (Last In, First Out) method, which can provide a tax advantage in periods of rising prices.</p>	<p>2. Inventory Valuation</p> <p>Small entities may use the LIFO (Last In, First Out) method for inventory valuation, which can provide a tax advantage in periods of rising prices.</p>
<p>3. Depreciation</p> <p>Large entities use the MACRS (Modified Accelerated Cost Recovery System) for depreciation. Small entities may use the straight-line method for depreciation.</p>	<p>3. Depreciation</p> <p>Small entities may use the straight-line method for depreciation.</p>
<p>4. Bad Debt Expense</p> <p>Large entities use the allowance method for bad debt expense. Small entities may use the direct write-off method.</p>	<p>4. Bad Debt Expense</p> <p>Small entities may use the direct write-off method for bad debt expense.</p>
<p>5. Lease Accounting</p> <p>Large entities use the ASC 842 (Leases) for lease accounting. Small entities may use the ASC 840 (Leases) for lease accounting.</p>	<p>5. Lease Accounting</p> <p>Small entities may use the ASC 840 (Leases) for lease accounting.</p>

Fee Code	Fee (\$)	Fee Code	Fee (\$)	<u>Fee Description</u>
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)	(\$)	0.00
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**or number previously paid, if greater: For Reissues, see above

3. ADDITIONAL FEES

Large Entity

Small Entity

Fee Code	Fee (\$)
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Fee Code	Fee (\$)
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Fee Description

Fee Paid

1051	130	2051	65	Surcharge – late filing fee or oath
1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet.
1053	130	1053	130	Non-English specification
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action
1251	110	2251	55	Extension for reply within first month
1252	420	2252	210	Extension for reply within second month
1253	950	2253	475	Extension for reply within third month
1254	1,480	2254	740	Extension for reply within fourth month
1255	2,010	2255	1,005	Extension for reply within fifth month
1401	330	2401	165	Notice of Appeal
1402	330	2402	165	Filing a brief in support of an appeal
1403	290	2403	145	Request for oral hearing
1451	1,510	1451	1,510	Petition to institute a public use proceeding
1452	110	2452	55	Petition to revive – unavoidable
1453	1,330	2453	665	Petition to revive - unintentional
1501	1,330	2501	665	Utility issue fee (or reissue)
1502	480	2502	240	Design issue fee
1503	640	2503	320	Plant issue fee
1460	130	1460	130	Petitions to the Commissioner
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)
1806	180	1806	180	Submission of Information Disclosure Stmt
8021	40	8021	40	Recording each patent assignment per property (times number of properties)
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))
1810	770	2810	385	For each additional invention to be examined (37CFR 1.129(b))
1801	770	2801	385	Request for Continued Examination (RCE)
1802	900	1802	900	Request for expedited examination of a design application
Other fee (specify)		8001		Printed copy of patent w/o color

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)	(\$)	1,360.00
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(Complete (if applicable))

Name (Print/Type)	Gabriela I. Coman
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Registration No. (Attorney/Agent)	50,515
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Telephone	(202) 775-4706
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Signature

<i>Date</i>	March 19, 2004
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